

**FORM PTO-1449**

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION PURSUANT TO  
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
14015-5161	
Applicant:	
Cairns, et al.	
Filing Date:	Group:

**U. S. PATENT DOCUMENTS**

Examiner	Initial	Patent No.	Date	Name	Filing Date	Class	Subcl	If Approp.
/AF/	I A	6,529,545	12003	Tiirola, et al.				
/AF/	I B	6,470,044	12002	Kowalski				
/AF/	I C	6,101,399	12000	Raleigh, et al.				
/AF/	I D	5,809,020	11998	Bruckert et al.				

**FOREIGN PATENT DOCUMENTS**

		Patent No.	Date	Name	Translation	Class	Subcl	Yes	No
/AF/	I E	WO 01/01595	12001	Wang, et al.					
/AF/	I F	EP 1 300 999	12001	Maddiutto					

**OTHER DOCUMENTS (including author, title, date, pages, etc.)**

/AF/	I G	US 2003/0035468; System and Method for Adjusting Combiner Weights Using an Adaptive Algorithm In Wireless Communications Systems; Feb. 20, 2003;
/AF/	I H	US 2002/0150176; Method and Device for the Estimation of a Propagation Channel From Its Statistics; Chevalier, et al.; Oct. 17, 2002
/AF/	I I	US 2002/0122470; Method and Apparatus for Providing Blind Adaptive Estimator and Reception; Heikkila; Sept. 5, 2002
/AF/	I J	US 2002/0080863; Adpative Generalized Matched Filter RAKE Receiver System and Method; Nielsen; Jun. 27, 2002
/AF/	I K	2002/0057735; Optimizing of Channel Equalizer; Piirainen; May 16, 2002.
/AF/	I L	Kutz, et al.; On the Performance of a Practical Downlink CDMA Generalized RAKE Receiver; 2002 IEEE; 5 pgs.
/AF/	I M	Kutz, et al.; Low Complexity Implementation of a Downlink CDMA Generalized RAKE Receiver; 2002 IEEE; 5 pgs.
/AF/	I N	Response to Novelty Search for "Parameter Estimation in a Generalized RAKE Receiver"; 16 pgs.

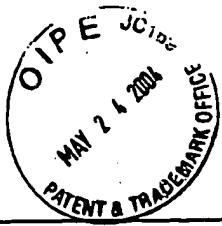
**EXAMINER**

/Aristocratis Fotakis/

**DATE CONSIDERED**

04/12/2007

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**FORM PTO-1449**

**INFORMATION DISCLOSURE CITATION  
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37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
<u>4015-5161</u>	<u>10/800,167</u>
Applicant:	
<u>Cairns, et al.</u>	
Filing Date:	Group:
<u>March 12, 2004</u>	<u> </u>

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS** (including author, title, date, pages, etc.)

/AF/	E	US 2001/0028677; Wang et al.; Apparatus and Methods for Finger Delay Selection in Rake Receivers; Oct. 11, 2001
/AF/	F	Bottomley et al.; A Generalized RAKE Receiver for Interference Suppression; IEEE Journal on Selected Areas in Communications; Vol. 18, No. 8, August 2000; 10 pgs.

EXAMINER <i>/Aristocratis Fotakis/</i>	DATE CONSIDERED 04/12/2007
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PTO/SB/08A (08-03)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 2 Attorney Docket Number 4015-5161/P18204-US1

**U. S. PATENT DOCUMENTS**

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Examiner Signature	/Aristocratis Fotakis/	Date Considered	04/12/2007
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				Application Number	10/800167
				Filing Date	March 12, 2004
				First Named Inventor	Cairns
				Art Unit	2631
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	4015-5161/P18204-US1

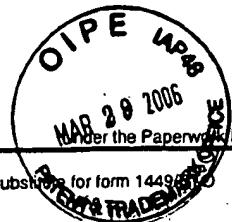
## **NON PATENT LITERATURE DOCUMENTS**

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Substitute for form 1449A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

**(Use as many sheets as necessary)**

Sheet

1

of

1

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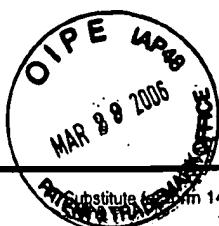
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				Filing Date	March 12, 2005
				First Named Inventor	Cairns
				Art Unit	2631
				Examiner Name	TBA
Sheet	1	of	1	Attorney Docket Number	
4015-5161/P18204-US1					

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Signature	/Aristocratis Fotakis/	Date Considered	04/12/2007
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*(Use as many sheets as necessary)*

Substitute Form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>	
Sheet	1	of	1
		Application Number	10/800167
		Filing Date	March 12, 2004
		First Named Inventor	Cairns
		Art Unit	2631
		Examiner Name	TBA
		Attorney Docket Number	4015-5161/P18204-US1

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

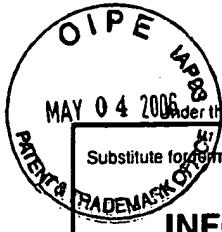
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

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				Application Number	10/800,167
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				First Named Inventor	Cairns
				Art Unit	2631
				Examiner Name	TBD
Sheet	1	of	1	Attorney Docket Number	

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AF/		LENARDI, M. and SLOCK, D., "A RAKE Structured SINR Maximizing Mobile Receiver for the WCDMA Downlink." In Proc. 31 <sup>st</sup> Asilomar Conference on Signals, Systems and Computers, 2001, pp. 410-414.	
/AF/		JAROSCH, A. and DAHLHAUS, D., "Linear Space-Time Diversity Receivers for the Downlink of UMTS with WCDMA." European Trans. Telecommunications, September/October 2001, 13 pages, Volume 12. No. 5. (Preprint Copy Enclosed and Available at <a href="http://www.nari.ee.ethz.ch/mobileradio/pubs/files/ett01.pdf">http://www.nari.ee.ethz.ch/mobileradio/pubs/files/ett01.pdf</a>	

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